



DS-03-026

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November 19, 2004

To: Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/830,154 04/22/04 |

Detlef Schweng

ZOOM ALGORITHM

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
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P.O. Box 1450, Alexandria, VA 22313-1450, on November 22, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

 11/22/04

U.S. Patent 4,633,503 to Hinman, "Video Zoom Processor," discloses a video zoom processor which digitally processes video imagery information in a simultaneous two-dimensional format.

U.S. Patent Application Publication US 2002/0154123 A1 to Harasimiuk, "Image Scaling," discloses a method and a system for scaling a digital source image consisting of a grid of X by Y pixels into a target image of a different resolution.

U.S. Patent Application Publication US 2001/0020950 A1 to Shimizu et al., "Image Conversion Method, Image Processing Apparatus, and Image Display Apparatus," discusses obtaining a clear scaled image without impairing the rough shape of fonts or the like, on a graphics screen that is handled by an information display device such as an LCD panel or a projector, and that includes a lot of stepped edges like thin lines.

U.S. Patent 6,546,157 to Okuno et al., "Number-of-Pixels Conversion Apparatus and Display Apparatus Using the Same," discusses a number-of-pixels conversion apparatus for converting the number of pixels on an original image or a display apparatus using the same.

U.S. Patent 6,091,513 to Ishihara et al., "Apparatus and Method for Converting Image Size and Recording Medium Recording Image Size Converting Program Therein and Capable of Being Read by Computer," discusses a process discriminating unit which allows an optimum converting process among a first magnification processing unit, a second magnification processing unit, a first reduction processing unit, a second reduction processing unit, and a third reduction processing unit to be executed on the basis of a conversion magnification (K), a resolution (D), and an image size.

U.S. Patent 4,661,987 to Anderson et al., "Video Processor," discloses a method and processor for varying the size of a digitized video image in substantially two video frame times by transforming successive lines of the image along one axis and then transforming successive lines of the image along the other axis.

Sincerely,



Stephen B. Ackerman,  
Reg. No. 37761

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Document Number (Opinion)	Application Number		
				DS-03-026	10/830,154		
				Applicant	Detlef Schweng		
				Filing Date	04/22/04		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PUBLISH DATE IF APPROPRIATE	
	4 6 3 3 5 0 3	12/30/86	Hinman	382	47	3/19/84	
DETLEF SCHWENG OCT 24 2004 ENT & TRADEMARK SEARCHED	6 5 4 6 1 5 7 4 1 8 0 3	4/8/03	Okuma et al.	382	300	9/8/99	
	6 0 9 1 5 1 3 7	1/18/00	Ishihara et al.	358	1.9	4/10/98	
	4 6 6 1 9 8 7 4 2 8 8 7	4/28/87	Anderson et al.	382	41	6/3/85	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Portion or Pages, Etc.)							
-	U.S. Patent App. Pub. US 2002/0154123 A1 to Harasimink Pub. Date 10/24/02, Filed 01/18/02, U.S.CI. 345/472.						
-	U.S. Patent App. Pub. US 2001/0020950 A1 to Shimizu et al. Pub. Date 09/13/01, Filed 02/23/01, U.S.CI. 345/611.						
EXAMINER				DATE CONSIDERED			

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.